

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Steven G. Johnson et al.                      Art Unit : 2874  
Patent No. : 7,072,553                                      Examiner : Michelle R. Connelly Cushwa  
Issue Date : July 4, 2006  
Serial No. : 10/620,479  
Filed : July 16, 2003  
Title : LOW-LOSS PHOTONIC CRYSTAL WAVEGUIDE HAVING LARGE CORE  
RADIUS

Attn.: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF REQUEST FOR CERTIFICATE OF CORRECTION

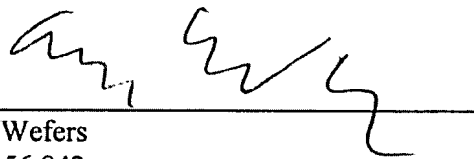
Applicant hereby requests that a certificate of correction be issued for the above patent in accordance with the attached request.

All errors sought to be corrected were made in printing by the Patent and Trademark Office, and no fee is believed to be due. A copy of the PTO-1449 form citing the art referenced in the attached Certificate of Correction which is initialed and signed by Examiner M.R. Connelly-Cushwa and dated February 6, 2006 is attached hereto for your reference.

Please apply any charges or credits to Deposit Account No. 06-1050, referencing 13445-002002.

Respectfully submitted,

Date: 11/1/07

  
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21775145.doc

**CERTIFICATE OF MAILING BY EFS-WEB FILING**

I hereby certify that this paper was filed with the Patent and Trademark Office using the EFS-WEB system on this date: November 1, 2007

Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
13445-002002Application No.  
10/620,479**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant  
Steven G. Johnson et al.Filing Date  
July 16, 2003Group Art Unit  
2874**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee       | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|----------------|-------|----------|----------------------------|
| MC               | AA        | 4,139,262       | 02/13/1979       | Mahlein et al. | 350   | 96.33    |                            |
|                  | AB        |                 |                  |                |       |          |                            |
|                  | AC        |                 |                  |                |       |          |                            |
|                  | AD        |                 |                  |                |       |          |                            |
|                  | AE        |                 |                  |                |       |          |                            |
|                  | AF        |                 |                  |                |       |          |                            |
|                  | AG        |                 |                  |                |       |          |                            |
|                  | AH        |                 |                  |                |       |          |                            |
|                  | AI        |                 |                  |                |       |          |                            |
|                  | AJ        |                 |                  |                |       |          |                            |
|                  | AK        |                 |                  |                |       |          |                            |

**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation        |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|--------------------|----|
|                  |           |                 |                  |                          |       |          | Yes                | No |
| MC               | AL        | DE 24 42 859    | 03/18/1976       | Germany                  |       |          | See U.S. 4,139,262 |    |
|                  | AM        |                 |                  |                          |       |          |                    |    |
|                  | AN        |                 |                  |                          |       |          |                    |    |
|                  | AO        |                 |                  |                          |       |          |                    |    |
|                  | AP        |                 |                  |                          |       |          |                    |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document  |
|------------------|-----------|---|
| MC               | AQ        | Malcolm C. Smith, "All-glass hollow waveguide with structured cladding", <u>Optical Fiber Communications</u> , OFC '96, pp. 58-59 (February 25, 1996) |
|                  | AR        |   |
|                  | AS        |   |
|                  | AT        |   |

Examiner Signature

*M. R. Connelly-Gushwa*

Date Considered

*2/4/06*

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Here  
Only

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO.           .: 7,072,553  
APPLICATION NO   .: 10/620,479  
DATED               .: JULY 4, 2006  
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                              JOANNOPOULOS, MAKSIM SKOROBOGATYI, TORKEL ENGENESS, MARIN SOLJACIC,  
                              STEVEN A. JACOBS AND

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### Cover Page

References Cited, U.S. Patent Documents, please add

--4,139,262 2/1979 Mahlein et al.--

References Cited, Foreign Patent Documents, please add

--DE 24 42 859 3/1976--

References Cited, Other Publications, please add

--Malcolm G. Smith, "All-glass hollow waveguide with structured cladding", Optical Fiber Communications, OFC '96, pp. 58-59 (February 25, 1996)--

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